

Abstract of the Disclosure

ELEMENT ROUTING METHOD AND APPARATUS

A method is provided for designing a system including an element, wherein the element connects a plurality of components. First, a system design including the plurality of components is established. A diagram associated with the system design is generated, the wiring diagram including the element and the plurality of components. Guidelines for designing the structure are established. A routing pattern in the system for the element is then determined automatically based on the diagram and the guidelines.